

ABSTRACT

The invention proposes an electrical machine with a rotor attached to a shaft and a multi-part stator (1), which has a yoke ring (2) and stator fins (4) that delimit winding grooves (8), which accommodate windings (9) or winding segments wound around insulator elements (5, 6, 7). The stator (1) has a number of first wound insulator elements (5, 6, 7) that are wound one after another with the same first winding wire (9) and a number of second insulator elements that are wound one after another with the same second winding wire.